



MECKLENBURG COUNTY

Land Use & Environmental Services Agency

Code Enforcement

Q&A Consistency Meeting Agenda for Plumbing, July 2018

1. **Question:** Can PVC slip expansion joints be used in the drainage system?

Answer: Table 702.4 NCPC gives the required standards for fittings. We have not been able to find a slip expansion joint that conforms to the required standards from T702.4.

2. **Question:** How high above a plumbing vent should a solar panel be?

Answer: The vent must be at least 6 inches above the roof, Section 904.1 NCPC. The code does not address this situation. After consulting with NCDOL it was determined the clearance needs to be equal to the diameter of the pipe, 2 inch diameter would be 2 inch clearance from the vent to the bottom of the panel.

3. **Question:** We just had a home inspection done and the inspector said that the kitchen sink was plumbed with an S-trap. I thought an S-trap went down through the floor. This drain goes into the wall, but does elbow down then elbow to the wall. Is this a S-trap?

Answer: After a P trap, there needs to be 2 pipe ID or more of horizontal, and then a vent. This may not look like the traditional S-trap, but it would function the same.

4. **Question:** Can the relief valve be piped up and over to a waste receptor?

Answer: No, Section 504.6 NCPC requires the discharge piping of the relief valve to flow by gravity.

5. **Question:** I have a prefab guard shack. Comes with a toilet, lav, and point of use water heater. Water heater electrical load was overlooked. I'm being asked if by code the water heater is required.

Answer: Section 607.1 NCPC requires a source of hot water in dwelling units. Other occupancies, hot water may be supplied. In this case, potable water would need to be supplied to the lavatory, but hot water is not required.



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6. **Question:** We are setting up a temporary sales trailer. We are having trouble getting a water line over to the trailer. Can we use a tank and put signs at the Lavatory and Breakroom sink stating it is Non-Potable water? We will provide bottled water to drink.

Answer: This would not be acceptable. While bottled water would provide drinking water, the water at the lavatories and sinks must also be potable water for sanitary reasons.